II. CLAIM AMENDMENTS

1-9. (Cancelled)

10. (currently amended) A device for collecting data in the form of images in association with a host computer, said device comprising:

a circuit card, constructed having the physical dimensions corresponding substantially with those of a standard PCMCIA circuit card, said circuit card adapted to be received in a card slot of said host computer, said image data for use by said host computer for personal communication, data collection, and data processing, said circuit card further comprising:

optics built in said circuit card for obtaining image information;

an image sensor in said circuit card for obtaining image information;

an image processor in said circuit card;

a memory unit in said image processor for storing obtained image information; and

a processor unit in said image processor for processing obtained image information.

11. (previously presented) The device according to claim 10, wherein said memory unit comprises at least volatile and non-volatile memory.

12. (previously presented) The device according to claim 10, further comprising a power supply for providing power to maintain said obtained image information in said memory unit.

13. (previously presented) The device according to claim 10, wherein said image sensor is a semiconductor camera.

14. (previously presented) The device according to claim 10, further adapted to fit into a card slot of a the host computer that is a PCMCIA compatible card slot.

15. (cancelled)

16. (previously presented) The device according to claim 10, further comprising means for performing a character recognition task on image information obtained by said image sensor for generating a set of recognized characters.

17. (previously presented) The device according to claim 16, wherein said means for performing a character recognition task comprises a software program stored in the memory unit of the circuit card.

18. (previously presented) The device according to claim 10, further comprising means for performing a pattern recognition task on a graphical object in said image information obtained by said image sensor.

19. (previously presented) The device according to claim 18, wherein said means for performing a pattern recognition task comprises a software program stored in the memory unit of the circuit card.

20. (previously presented) The device according to claim 10, further comprising an output coupled to said image processing means for outputting image information obtained by said image sensor to said host computer.

21. (canceled)

22. (previously presented) The device according to claim 10, further comprising character recognition means for performing a character recognition task on image information obtained by said image sensor and generating a set of recognized characters.

23. (previously presented) The device according to claim 22, wherein said character recognition means comprises a software program stored in said memory unit .

24. (previously presented) The device according to claim 10, further comprising pattern recognition means for performing a pattern recognition task on graphical information in said image information obtained by said image sensor.

25. (previously presented) The device according to claim 24, wherein said pattern recognition means comprises a software program stored in said memory unit.

26. (previously presented) The device according to claim 10, further comprising an output coupled to said image processor for outputting image information obtained by said image sensor to said host computer.